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IBMâ€™s TS2340 Drive and 95P4436, LTO-4 Media Tape is the Best Solution for Midrange Storage Environments by Rob_Miller

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IT managers of todayâ€™s business enterprises have to deal with the twin challenges of shrinking backup windows and astounding data growth. Additionally, the increasing industry and government regulations make these challenges even more stringent. That is why the companies turn to Linear Tape Open (LTO) technology to deal with these challenges. It is the most intelligent and economical tape-based system which dominates the industry with its multiple generations. Most importantly, the LTO versions are interconnected through backward compatibility and the exclusive multi-vendor interoperability.

IBM has more than 50-year experience in tape media industry with an unmatched range of innovative and breakthrough tape solutions. IBM co-developed the LTO ultrium format along with the two other tape giants HP (Hewlett-Packard) and Seagate.

IBM LTO ultrium4 tape system meets the data protection demands of an exceptionally broad range of mid-sized companies, public organizations and high end workstations.

IBM TS2340 is a robustly designed LTO4 external drive, which provides excellent reliability and compatibility with the leading operating systems. It is an excellent choice for open system servers and allows seamless integration through its 3GB/s SAS and SCSI ultra-160 LVD interface.

For longer archival life and superior reliability, use the IBM-branded 95P4436, LTO4 cartridge and provide the robust security and fast data access demanded by todayâ€™s busy data centers. IBM 95P4436 tapeâ€™s capacity has been doubled over the predecessor generation LTO3. A single LTO ultrium4 cartridge can hold data content of two LTO-3 tapes. So your voluminous corporate data can be easily backed up on half the quantity of tapes thus resulting in efficient media handling. IBM LTO ultrium-4 cartridge features a remarkably enhanced 800GB/1.60TB storage capacity.

IBM TS2340 tape drive also offers the AES data encryption functionality that ensures reliable data protection if your LTO-4 tape is stolen or there is a security breach. The drive has the ability to stream the data files at a super fast speed of 120/240 Mbps.

To help ensure consistency, the capacity of TS2340 driveâ€™s buffer has been increased to 256MB. So the drive can seamlessly perform the data storage/retrieval tasks, while maintaining highest level of reliability.

Multi-vendor compatibility is the most compelling attribute of the world-famous LTO ultrium format. This improves the storage performance and facilitates the users to operate seamlessly in a heterogeneous LTO environment. There is a broad range of LTO4 tape brands that provide users more media choice. C7974A (HP), LTX800G (Sony), D2407-LTO4 (TDK), 183906 (Maxell) and 341-4640 (Dell) are the best selling LTO 4 tapes.

You will be amazed to know that this IBM TS2340 drive can simultaneously write 16 data tracks, which is the major reason behind its exceptionally fast backup speed.

Backward compatibility of IBM TS2340 tape drive allows the existing LTO-3 and LTO2 customers to upgrade their backup system while extending their prior investment. IBM TS2340 drive reads LTO2 & LTO3 tapes. Moreover, it writes data to LTO ultrium3 tapes. With all of these innovative and cost-saving features coupled with the proven reliability of IBM-branded tape devices, your IT environment

is ready to handle the rigorous challenges.

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